GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: July 29, 2004, 13:22:51 ; Search time 39.8669 Seconds
(without alignments)
2132.297 Million cell updates/sec

Title: US-10-089-984-1
Perfect score: 1491
Sequence: 1 VAETPTYPWRDAETGERLVC.....RVARMPGLERSVRERFLPVH 271

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1291235 seqs, 313682936 residues

Total number of hits satisfying chosen parameters: 1291235

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA:*
1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep:*
2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep:*
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18: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

US-09-894-924-1
; Sequence 1, Application US/09894924
; Patent No. US20020065210A1
; GENERAL INFORMATION:
; APPLICANT: ASHKENAZI, AVI J
; APPLICANT: BOTSTEIN, DAVID
; APPLICANT: DODGE, KELLY H.
; APPLICANT: GURNEY, AUSTIN L.
; APPLICANT: KIM, KYUNG JIN
; APPLICANT: LAWRENCE, DAVID A.
; APPLICANT: PITTI, ROBERT
; APPLICANT: ROY, MARGARET A
; APPLICANT: TUMAS, DANIEL B
; APPLICANT: WOOD, WILLIAM I.
; TITLE OF INVENTION: DcR3 Polypeptide, A TNFR Homolog
; FILE REFERENCE: P1134R2 REVISED
; CURRENT APPLICATION NUMBER: US/09/894,924
; CURRENT FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 09/157,289
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: US 60/059,288
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: US 60/094,640
; PRIOR FILING DATE: 1998-07-30
; NUMBER OF SEQ ID NOS: 18
; SEQ ID NO 1
; LENGTH: 300
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-894-924-1

Query Match 100.0%; Score 1491; DB 9; Length 300;
Best Local Similarity 100.0%; Pred. No. 9.7e-116;
Matches 271; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy          1 VAETPTYPWRDAETGERLVCAQCPPGTFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCR 60
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Db         30 VAETPTYPWRDAETGERLVCAQCPPGTFVQRPCRRDSPTTCGPCPPRHYTQFWNYLERCR 89

Qy         61 YCNVLCGEREEEARACHATHNRACRCRTGFFAHAGFCLEHASCPPGAGVIAPGTPSQNTQ 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         90 YCNVLCGEREEEARACHATHNRACRCRTGFFAHAGFCLEHASCPPGAGVIAPGTPSQNTQ 149

Qy        121 CQPCPPGTFSASSSSSEQCQPHRNCTALGLALNVPGSSSHDTLCTSCTGFPLSTRVPGAE 180
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        150 CQPCPPGTFSASSSSSEQCQPHRNCTALGLALNVPGSSSHDTLCTSCTGFPLSTRVPGAE 209

Qy        181 ECERAVIDFVAFQDISIKRLQRLLQALEAPEGWGPTPRAGRAALQLKLRRRLTELLGAQD 240
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Db        210 ECERAVIDFVAFQDISIKRLQRLLQALEAPEGWGPTPRAGRAALQLKLRRRLTELLGAQD 269

Qy        241 GALLVRLLQALRVARMPGLERSVRERFLPVH 271
              |||||||||||||||||||||||||||||||
Db        270 GALLVRLLQALRVARMPGLERSVRERFLPVH 300
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STN search

=> FIL MEDLINE BIOSIS EMBASE SCISEARCH CAPLUS USPATFULL PCTFULL

=> s flint AND fas? AND apoptosis
L1 277 FLINT AND FAS? AND APOPTOSIS

=> s ((chronic obstructive pulmonary disease) OR copd) OR (pulmonary AND fibrosis)
L2 135248 ((CHRONIC OBSTRUCTIVE PULMONARY DISEASE) OR COPD) OR (PULMONARY
AND FIBROSIS)

=> s l1 AND l2
L3 66 L1 AND L2

=> s l3 AND py<=1999
2 FILES SEARCHED...
4 FILES SEARCHED...
L4 0 L3 AND PY<=1999

=> s l1 AND py<=1999
2 FILES SEARCHED...
4 FILES SEARCHED...
L5 33 L1 AND PY<=1999